

PTO/SB/08A (08-03)

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 1 of 4

**Complete if Known**

Application Number	10/054,611
Filing Date	January 18, 2002
First Named Inventor	Cech
Art Unit	1646
Examiner Name	
Attorney Docket Number	015389-002970US

**U.S. PATENT DOCUMENTS\***

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1	US-5,597,697	01-28-1997	Diamond	
	A2	US-5,917,025	06-29-1999	Collins	
	A3	US-5,919,666	07-06-1999	Harrington, et al.	
	A4	US-6,168,178	12-26-2000	Cech et al.	
	A5	US-6,309,867 B1	10-30-2001	Cech et al.	
	A6	US-6,337,200 B1	01-08-2002	Morin	
	A7	US-6,476,789 B1	11-05-2002	Cech et al.	
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	A9	US-6,617,110 B1	09-09-2003	Cech et al.	

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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T*
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	B1	GB	2 317 891	A	04-08-1998			<input type="checkbox"/>
	B2	PCT	WO 84/03564	A1	09-13-1984			<input type="checkbox"/>
	B3	PCT	WO 94/17210	A1	08-04-1994			<input type="checkbox"/>
	B4	PCT	WO 98/14592	A2	04-09-1998			<input type="checkbox"/>
	B5	PCT	WO 98/14593	A2	04-09-1998			<input type="checkbox"/>
	B6	PCT	WO 99/33998	A2	07-08-1999			<input type="checkbox"/>
	B7	PCT	WO 99/38964	A2	08-05-1999			<input type="checkbox"/>
	B8	PCT	WO 00/46355	A2	08-10-2000			<input type="checkbox"/>

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**INFORMATION DISCLOSURE  
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Sheet 2 of 4

**Complete if Known**

Application Number	10/054,811
Filing Date	January 18, 2002
First Named Inventor	Cech
Art Unit	1646
Examiner Name	
Attorney Docket Number	015389-002970US

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	C1	ADAMSON, D. et al. "Significant Telomere Shortening in Childhood Leukemia", <i>Cancer Genet. Cytogenet.</i> , 1992; pp. 204-206, Vol. 61	
	C2	CHIU, et al. "Replicative senescence and cell immortality: the role of telomeres and telomerase (44075)", <i>Proc. Soc. Exp. Bio. Med.</i> , 1997, pp. 99-106, Vol. 214.	
	C3	CHONG, L. et al. "A Human Telomeric Protein", <i>Science</i> , Dec. 1995, pp. 1663-1667, Vol. 270.	
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	C7	DE LANGE, T. et al. "Structure and Variability of Human Chromosome Ends"; <i>Molecular and Cellular Biology</i> ; February 1990; pp. 518-527, Vol. 10, No. 2.	
	C8	FLAVELL, R. & MATHIAS, R. "Prospects for transforming monocot crop plants", <i>Nature</i> , 12 Jan. 1984, pp. 108-109, Vol. 307.	
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	C10	Genbank Accession No. A46242; September 21, 1993	
	C11	Genbank Accession No. L38903; January 30, 1995	
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**INFORMATION DISCLOSURE  
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Sheet 3 of 4

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Application Number	10/054,811
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First Named Inventor	Cach
Art Unit	1646
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Attorney Docket Number	015389-002970US

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	C18	GREIDER, C. "Telomeres, Telomerase and Senescence"; <i>BioEssays</i> ; 1990; pp. 363-369, Vol. 12, No. 8.	
	C19	HARLEY, C. "Telomere loss: Mitotic clock or genetic time bomb?" <i>Mutation Research</i> ; 1991; pp. 271-282, Vol. 256, Elsevier Science Publishers.	
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	C29	JOLLIFFE, L.K. "Humanized antibodies: enhancing therapeutic utility through antibody engineering", <i>Int. Rev. Immunol.</i> , 1993, pp. 241-250, Vol. 10.	
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**INFORMATION DISCLOSURE  
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Sheet 4 of 4

**Complete if Known**

Application Number	10/054,611
Filing Date	January 18, 2002
First Named Inventor	Cech
Art Unit	1846
Examiner Name	
Attorney Docket Number	015389-002970US

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
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	C36	PASZKOWSKI, JERZY et al. "Direct gene transfer to plants," <i>The EMBO Journal</i> , 1984, pp. 2717-2722, Vol. 3, No. 12.	
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	C38	RAYMOND, E., et al.; Agents that target telomerase and telomeres; <i>Curr. Opin. Biotechnol.</i> ; 1996; 7:583-91	
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	C40	SCHENA et al. "Parallel human genome analysis: Microarray-based expression monitoring of 1000 genes", <i>Proc. Natl. Acad. Sci.</i> , Oct. 1996, pp. 10614-10619, Vol. 93, USA.	
	C41	SCHWARTZ, H. et al. "Telomere Reduction in Giant Cell Tumor of Bone and with Aging"; <i>Cancer Genet Cytogenet</i> ; 1993; pp. 132-138, Vol. 71, Elsevier Science Publishing Co., Inc., New York, U.S.A.	
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	C43	TAIT, J. et al. "Structure and Polymorphisms of the Human Annexin III (ANX3) Gene", <i>Genomics</i> , 1993, pp. 79-86, Vol. 18, No. 1	
	C44	WINTER, G. & HARRIS, W. "Humanized Antibodies", <i>Trends Pharmacol. Sci.</i> , May 1993, pp. 139-143, Vol. 14.	
	C45	WIRTH, URS et al. "Immediate-Early RNA 2.9 and Early RNA 2.6 of Bovine Herpesvirus 1 Are 3' Coterminal and Encode of Putative Zinc Finger Transactivator Protein"; <i>Journal of Virology</i> ; May 1992; pp. 2763-2772, Vol. 66, No. 5.	

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Substitute for form 1449A/PTO			<b>Complete if Known</b>		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			Application Number	10/054,611	
			Filing Date	January 18, 2002	
			First Named Inventor	Thomas R. Cech	
			Art Unit	1652	
			Examiner Name	Malgorzata A. Walicka	
Sheet	1	of	1	Attorney Docket Number	015389-002970US

U.S. PATENT DOCUMENTS*						
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	A1	US-6,440,735	B1	08-27-2002	Gaeta	
	A2	US-6,444,850	B1	09-03-2003	Cech et al.	
	A3	US-6,517,834	B1	02-11-2003	Weinrich et al.	
	A4	US-6,809,188	B1	08-19-2003	Tsuchiya et al.	
	A5	US-6,627,619	B2	09-30-2003	Cech et al.	
	A6	US 2002-0164786	A1	11-07-2002	Cech et al.	
	A7	US 2002-0187471	A1	12-12-2002	Cech et al.	
	A8	US 2003-0008019	A1	01-09-2003	Cech et al.	
	A9	US 2003-0032075	A1	02-13-2003	Cech et al.	
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	A12	US 2003-0100093	A1	05-29-2003	Cech et al.	
	A13	U.S. Application No. 09/432,503			Cech et al.	
	A14	U.S. Application No. 09/721,477			Cech et al.	
	A15	U.S. Application No. 09/721,506			Cech et al.	
	A16	U.S. Application No. 90/974,584			Cech et al.	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>
		Country Code <sup>2</sup>	Number <sup>4</sup>	Kind Code* (if known)				
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